

PATENT

Attorney Docket No. 65857-0094  
Serial No. 10/029,853

Amendments to the Claims

1. (Currently Amended) A hose for transmitting liquids, the hose comprising:

an inner tubular portion made of a chlorinated polyethylene polymer, said chlorinated polyethylene polymer having a percentage, by weight, less than thirty percent of the material composition of said inner tubular portion and which has been peroxide cured; a ply of metal wire braided directly over the inner tubular portion; a thin rubber layer covering the wire; a layer of polyester yarn braided over the thin rubber layer, and a dye containing urethane deposited over and into the layer of yarn.

2. (Original) The hose of claim 1 wherein the formulation of the tubular portion includes a plasticizer including a blend of polymeric and ester based components.

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3. (Currently Amended) The hose of claim [[2]] 1 wherein the formulation of the tubular portion includes a heat stabilizer including a blend of metal oxides and silicates.

4. (Currently Amended) The hose of claim [[3]] 1 wherein the formulation of the tubular portion includes a vulcanizing agents in the form of peroxide and cross-linking agents which effect the peroxide cure.

5. (Canceled)

6. (Currently Amended) The hose of claim 1 wherein the formulation of the tubular portion includes a vulcanizing agents in the form of peroxide and cross-linking agents which effect the peroxide cure.

7. (Original) The hose of claim 1 wherein the thin rubber layer is comprised of the same formulation as the tubular portion.

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8. (Original) The hose of claim 7 wherein the ply of metal wire is comprised of stainless steel or brass coated steel wire.

9. (Original) The hose of claim 1 wherein the ply of metal wire is comprised of stainless steel or brass coated steel wire.

10. (Currently Amended) A tube comprising a wall made of chlorinated polyethylene polymer formulation which has been peroxide cured and includes a plasticizer comprising a blend of polymeric and ~~ester~~ based components and a dye containing urethane deposited over said wall.

11. (Original) The tube of claim 11 wherein the formulation includes a heat stabilizer including a blend of metal oxides and silicates.

12. (Original) The tube of claim 11 wherein the formulation includes vulcanizing agents in the form of peroxide and cross-linking agents which effects the peroxide cure.

13. (Currently Amended) The tube of claim 12 wherein the formulation includes quinoline-type ~~antidegradants~~ antidegradants.

14. (Withdrawn) A method of making a hose for transmitting liquids, comprising:  
forming an inner tubular portion made of a chlorinated polyethylene polymer formulation which has a peroxide component;  
braiding a ply of metal wire directly over the inner tubular portion;  
covering the wire with a thin rubber layer;  
braiding a layer of polyester yarn over the thin rubber layer;  
depositing a dye containing urethane over the layer of yarn, and  
vulcanizing the hose.

15. (Withdrawn) The method of claim 14 wherein the formulation of the tubular portion includes a plasticizer including a blend of polymeric and ester based components.

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16. (Withdrawn) The method of claim 15 wherein the formulation includes a heat stabilizer including a blend of metal oxides and silicates.

17. (Withdrawn) The method of claim 16 wherein the formulation includes vulcanizing agents in the form of peroxide and cross-linking agents which effect the peroxide cure.

18. (Withdrawn) The method of claim 4 wherein the formulation includes quinoline-type antegradants.

19. (Withdrawn) The method of claim 18 wherein the formulation includes carbon black and low molecular weight waxes.